

Amendments to the Specification:

Please replace the sentence that begins on page 6, line 34, and runs through page 7, line 2, of the specification with the following rewritten sentence:

~~“Figure 25 depicts~~ Figures 25A-25O depict restoration of certain parameters in the ischemic limb by VEGF2 protein (FIGS. 25, ~~top panels~~ A, C, D, E, H, I, J, L, M, O) and naked expression plasmid (FIGS. 25, ~~middle panels~~ B, C, F, G, H, I, K, L, M, O): BP ratio (FIGS. 25a A-25C); Blood Flow and Flow Reserve (FIGS. 25b 25D-25I); Angiographic Score (FIGS. 25e 25J-25L); Capillary density (FIGS. 25d 25M-25O).”

Please replace the sentence on page 7, line 3 through line 4, of the specification with the following rewritten sentence:

~~“Figures 26A-26G depicts~~ the ability of VEGF2 to affect the diastolic blood pressure in spontaneously hypertensive rats (SHR).”

Please replace the paragraph on page 17 that begins on line 30 and runs through page 19, line 5, with the following rewritten paragraph:

“Particular preferred VEGF-2 polypeptides are shown below (numbering starts with the first amino acid in the protein (Met) Figure 1 (SEQ ID NO:~~18~~ 2)): Ala (residue ~~24~~ 25) to Ser (residue 419); Pro (~~25-26~~) to Ser (419); Ala (~~26~~ 27) to Ser (419); Ala (~~27~~ 28) to Ser (419); Ala (~~28~~ 29) to Ser (419); Ala (~~29~~ 30) to Ser (419); Ala (~~30~~ 31) to Ser (419); Phe (~~31~~ 32) to Ser (419); Glu (~~32~~ 33) to Ser (419); Ser (~~33~~ 34) to Ser (419); Gly (~~34~~ 35) to Ser (419); Leu (~~35~~ 36) to Ser (419); Asp (~~36~~ 37) to Ser (419); Leu (~~37~~ 38) to (Ser (419); Ser (~~38~~ 39) to Ser (419); Asp (~~39~~ 40) to Ser (419); Ala (~~40~~ 41) to Ser (419); Glu (~~41~~ 42) to Ser (419); Pro (~~42~~ 43) to Ser (419); Asp (~~43~~ 44) to Ser (419); Ala (~~44~~ 45) to Ser (419); Gly

(45 46) to Ser (419); Glu (46 47) to Ser (419); Ala (47 48) to Ser (419); Thr (48 49) to Ser (419); Ala (49 50) to Ser (419); Tyr (~~50~~ 51) to Ser (419); Ser (~~52~~ 53) to Ser (419); Asp (~~54~~ 55) to Ser (419); Val (62 63) to Ser (419); Val (~~65~~ 66) to Ser (419); Met(1), Glu (~~23~~ 24), or Ala (~~24~~ 25) to Met (418); Met (1), Glu (~~23~~ 24), or Ala (~~24~~ 25) to Gln (417); Met (1), Glu (~~23~~ 24), or Ala (~~24~~ 25) to Pro (416); Met(1), Glu (~~23~~ 24), or Ala (~~24~~ 25) to Arg (415); Met(1), Glu (~~23~~ 24), or Ala (~~24~~ 25) to Gln (414); Met(1), Glu (~~23~~ 24), or Ala (~~24~~ 25) to Trp (413); Met(1), Glu (~~23~~ 24), or Ala (~~24~~ 25) to Tyr (412); Met(1), Glu (~~23~~ 24), or Ala (~~24~~ 25) to Ser (411); Met(1), Glu (~~23~~ 24), or Ala (~~24~~ 25) to Pro (410); Met(1), Glu (~~23~~ 24), or Ala (~~24~~ 25) to Val (409); Met(1), Glu (~~23~~ 24), or Ala (~~24~~ 25) to Cys (408); Met(1), Glu (~~23~~ 24), or Ala (~~24~~ 25) to Arg (407); Met(1), Glu (~~23~~ 24), or Ala (~~24~~ 25) to Cys (406); Met(1), Glu (~~23~~ 24), or Ala (~~24~~ 25) to Val (405); Met(1), Glu (~~23~~ 24), or Ala (~~24~~ 25) to Glu (404); Met(1), Glu (~~23~~ 24), or Ala (~~24~~ 25) to Glu (403); Met(1), Glu (~~23~~ 24), or Ala (~~24~~ 25) to Ser (402); Met(1), Glu (~~23~~ 24), or Ala (~~24~~ 25) to Gly (398); Met(1), Glu (~~23~~ 24), or Ala (~~24~~ 25) to Pro (397); Met(1), Glu (~~23~~ 24), or Ala (~~24~~ 25) to Lys (393); Met(1), Glu (~~23~~ 24), or Ala (~~24~~ 25) to Met(263); Met(1), Glu (~~23~~ 24), or Ala (~~24~~ 25) to Asp(311); Met(1), Glu (~~23~~ 24), or Ala (~~24~~ 25) to Pro (~~367~~ 366); Met(1) to Ser (419); Met(1) to Ser(228); Glu(47) to Ser(419); Ala(111) to Lys(214); Ala(112) to Lys(214); His(113) to Lys(214); Tyr(114) to Lys(214); Asn(115) to Lys(214); Thr(116) to Lys(214); Thr(103) to Leu(215); Glu(104) to Leu(215); Glu(105) to Leu(215); Thr(106) to Leu(215); Ile(107) to Leu(215); Lys(108) to Leu(215); Phe(109) to Leu(215); Ala(110) to Leu(215); Ala(111) to Leu(215); Ala(112) to Leu(215); His(113) to Leu(215); Tyr(114) to Leu(215); Asn(115) to Leu(215); Thr(116) to Leu(215); Thr(103) to Ser(228); Glu(104) to Ser(228); Glu(105) to Ser(228); Thr(106) to Ser(228); Ile(107) to Ser(228); Lys(108) to Ser(228); Phe(109) to Ser(228); Ala(110) to Ser(228); Ala(111) to Ser(228); Ala(112) to Ser(228);

His(113) to Ser(228); Tyr(114) to Ser(228); Asn(115) to Ser(228); Thr(116) to Ser(228); Thr(103) to Leu(229); Glu(104) to Leu(229); Thr(103) to Arg(227); Glu(104) to Arg(227); Glu(105) to Arg (227); Thr(106) to Arg (227); Ile(107) to Arg (227); Lys(108) to Arg (227); Phe(109) to Arg (227); Ala(110) to Arg (227); Ala(111) to Arg (227); Ala(112) to Arg (227); His(113) to Arg (227); Tyr(114) to Arg (227); Asn(115) to Arg (227); Thr(116) to Arg (227); Thr(103) to Ser(213); Glu(104) to Ser(213); Glu(105) to Ser(213); Thr(106) to Ser(213); Ile(107) to Ser(213); Lys(108) to Ser(213); Phe(109) to Ser(213); Ala(110) to Ser(213); Ala(111) to Ser(213); Ala(112) to Ser(213); His(113) to Ser(213); Tyr(114) to Ser(213); Asn(115) to Ser(213); Thr(116) to Ser(213); Thr(103) to Lys(214); Glu(104) to Lys(214); Glu(105) to Lys(214); Thr(106) to Lys(214); Ile(107) to Lys(214); Lys(108) to Lys(214); Phe(109) to Lys(214); Ala(110) to Lys(214); Glu(105) to Leu(229); Thr(106) to Leu(229); Ile(107) to Leu(229); Lys(108) to Leu(229); Phe(109) to Leu(229); Ala(110) to Leu(229); Ala(111) to Leu(229); Ala(112) to Leu(229); His(113) to Leu(229); Tyr(114) to Leu(229); Asn(115) to Leu(229); Thr(116) to Leu(229).”

Please replace the paragraph on page 19 lines 6-11 with the following rewritten paragraph:

“Preferred embodiments include the following deletion mutants: Thr(103) -- Arg(227); Glu(104) -- Arg(227); Ala(112) -- Arg (227); Thr(103) -- Ser(213); Glu(104) -- Ser(213); Thr(103) -- Leu(215); Glu(47) -- Ser(419); Met(1), Glu (~~23~~ 24), or Ala (~~24~~ 25) -- Met(263); Met(1), Glu (~~23~~ 24), or Ala (~~24~~ 25) -- Asp(311); Met(1), Glu (~~23~~ 24), or Ala (~~24~~ 25) -- Pro (~~367~~ 366); Met(1) -- Ser(419); and Met(1) -- Ser(228) of (Figure 1 (SEQ ID NO:~~48~~ 2)).”

Please replace the paragraph that begins on page 19, line 17, and runs through page 21, line 30, with the following rewritten paragraph:

“Particularly, N-terminal deletions of the VEGF-2 polypeptide can be described by the general formula m-396, where m is an integer from -23 to 388, where m corresponds to the position of the amino acid residue identified in SEQ ID NO:2. Preferably, N-terminal deletions retain the conserved boxed area of Figure 3 (PXC~~V~~XXXRCXGCCN)(SEQ ID NO: 8), and include polypeptides comprising the amino acid sequence of residues: N-terminal deletions of the polypeptide of the invention shown as ~~SEQ ID NO:1~~ SEQ ID NO:2 include polypeptides comprising the amino acid sequence of residues: : E-1 24 to S-396 419; A-2 25 to S-396 419; P-3 26 to S-396 419; A-4 27 to S-396 419; A-5 28 to S-396 419; A-6 29 to S-396 419; A-7 30 to S-396 419; A-8 31 to S-396 419; F-9 32 to S-396 419; E-10 33 to S-396 419; S-11 34 to S-396 419; G-12 35 to S-396 419; L-13 36 to S-396 419; D-14 37 to S-396 419; L-15 38 to S-396 419; S-16 39 to S-396 419; D-17 40 to S-396 419; A-18 41 to S-396 419; E-19 42 to S-396 419; P-20 43 to S-396 419; D-21 44 to S-396 419; A-22 45 to S-396 419; G-23 46 to S-396 419; E-24 47 to S-396 419; A-25 48 to S-396 419; T-26 49 to S-396 419; A-27 50 to S-396 419; Y-28 51 to S-396 419; A-29 52 to S-396 419; S-30 53 to S-396 419; K-31 54 to S-396 419; D-32 55 to S-396 419; L-33 56 to S-396 419; E-34 57 to S-396 419; E-35 58 to S-396 419; Q-36 59 to S-396 419; L-37 60 to S-396 419; R-38 61 to S-396 419; S-39 62 to S-396 419; V-40 63 to S-396 419; S-41 64 to S-396 419; S-42 65 to S-396 419; V-43 66 to S-396 419; D-44 67 to S-396 419; E-45 68 to S-396 419; L-46 69 to S-396 419; M-47 70 to S-396 419; T-48 71 to S-396 419; V-49 72 to S-396 419; L-50 73 to S-396 419; Y-51 74 to S-396 419; P-52 75 to S-396 419; E-53 76 to S-396 419; Y-54 77 to S-396 419; W-55 78 to S-396 419; K-56 79 to S-396 419; M-57 80 to S-396 419; Y-58 81 to S-396 419; K-59 82

to S-396 419; C-60 83 to S-396 419; Q-61 84 to S-396 419; L-62 85 to S-396 419; R-63 86 to S-396 419; K-64 87 to S-396 419; G-65 88 to S-396 419; G-66 89 to S-396 419; W-67 90 to S-396 419; Q-68 91 to S-396 419; H-69 92 to S-396 419; N-70 93 to S-396 419; R-71 94 to S-396 419; E-72 95 to S-396 419; Q-73 96 to S-396 419; A-74 97 to S-396 419; N-75 98 to S-396 419; L-76 99 to S-396 419; N-77 100 to S-396 419; S-78 101 to S-396 419; R-79 102 to S-396 419; T-80 103 to S-396 419; E-81 104 to S-396 419; E-82 105 to S-396 419; T-83 106 to S-396 419; I-84 107 to S-396 419; K-85 108 to S-396 419; F-86 109 to S-396 419; A-87 110 to S-396 419; A-88 111 to S-396 419; A-89 112 to S-396 419; H-90 113 to S-396 419; Y-91 114 to S-396 419; N-92 115 to S-396 419; T-93 116 to S-396 419; E-94 117 to S-396 419; I-95 118 to S-396 419; L-96 119 to S-396 419; K-97 120 to S-396 419; S-98 121 to S-396 419; I-99 122 to S-396 419; D-100 123 to S-396 419; N-101 124 to S-396 419; E-102 125 to S-396 419; W-103 126 to S-396 419; R-104 127 to S-396 419; K-105 128 to S-396 419; T-106 129 to S-396 419; Q-107 130 to S-396 419; C-108 131 to S-396 419; M-109 132 to S-396 419; P-110 133 to S-396 419; R-111 134 to S-396 419; E-112 135 to S-396 419; V-113 136 to S-396 419; C-114 137 to S-396 419; I-115 138 to S-396 419; D-116 139 to S-396 419; V-117 140 to S-396 419; G-118 141 to S-396 419; K-119 142 to S-396 419; E-120 143 to S-396 419; F-121 144 to S-396 419; G-122 145 to S-396 419; V-123 146 to S-396 419; A-124 147 to S-396 419; T-125 148 to S-396 419; N-126 149 to S-396 419; T-127 150 to S-396 419; F-128 151 to S-396 419; F-129 152 to S-396 419; K-130 153 to S-396 419; P-131 154 to S-396 419; P-132 155 to S-396 419; C-133 156 to S-396 419; V-134 157 to S-396 419; S-135 158 to S-396 419; V-136 159 to S-396 419; Y-137 160 to S-396 419; R-138 161 to S-396 419; C-139 162 to S-396 419; G-140 163 to S-396 419; G-141 164 to S-396 419; C-142 165 to S-396 419; C-143 166 to S-396 419; N-144 167 to S-396 419; S-145 168 to S-396 419; E-

146 169 to S-396 419; G-147 170 to S-396 419; L-148 171 to S-396 419; Q-149 172 to S-396 419; C-150 173 to S-396 419; M-151 174 to S-396 419; N-152 175 to S-396 419; T-153 176 to S-396 419; S-154 177 to S-396 419; T-155 178 to S-396 419; S-156 179 to S-396 419; Y-157 180 to S-396 419; L-158 181 to S-396 419; S-159 182 to S-396 419; K-160 183 to S-396 419; T-161 184 to S-396 419; L-162 185 to S-396 419; F-163 186 to S-396 419; E-164 187 to S-396 419; I-165 188 to S-396 419; T-166 189 to S-396 419; V-167 190 to S-396 419; P-168 191 to S-396 419; L-169 192 to S-396 419; S-170 193 to S-396 419; Q-171 194 to S-396 419; G-172 195 to S-396 419; P-173 196 to S-396 419; K-174 197 to S-396 419; P-175 198 to S-396 419; V-176 199 to S-396 419; T-177 200 to S-396 419; I-178 201 to S-396 419; S-179 202 to S-396 419; F-180 203 to S-396 419; A-181 204 to S-396 419; N-182 205 to S-396 419; H-183 206 to S-396 419; T-184 207 to S-396 419; S-185 208 to S-396 419; C-186 209 to S-396 419; R-187 210 to S-396 419; C-188 211 to S-396 419; M-189 212 to S-396 419; S-190 213 to S-396 419; K-191 214 to S-396 419; L-192 215 to S-396 419; D-193 216 to S-396 419; V-194 217 to S-396 419; Y-195 218 to S-396 419; R-196 219 to S-396 419; Q-197 220 to S-396 419; V-198 221 to S-396 419; H-199 222 to S-396 419; S-200 223 to S-396 419; I-201 224 to S-396 419; I-202 225 to S-396 419; R-203 226 to S-396 419; R-204 227 to S-396 419; S-205 228 to S-396 419; L-206 229 to S-396 419; P-207 230 to S-396 419; A-208 231 to S-396 419; T-209 232 to S-396 419; L-210 233 to S-396 419; P-211 234 to S-396 419; Q-212 235 to S-396 419; C-213 236 to S-396 419; Q-214 237 to S-396 419; A-215 238 to S-396 419; A-216 239 to S-396 419; N-217 240 to S-396 419; K-218 241 to S-396 419; T-219 242 to S-396 419; C-220 243 to S-396 419; P-221 244 to S-396 419; T-222 245 to S-396 419; N-223 246 to S-396 419; Y-224 247 to S-396 419; M-225 248 to S-396 419; W-226 249 to S-396 419; N-227 250 to S-396 419; N-228 251 to S-396 419; H-229 252 to S-396 419; I-230 253 to S-

396 419; C-231 254 to S-396 419; R-232 255 to S-396 419; C-233 256 to S-396 419; L-234 257 to S-396 419; A-235 258 to S-396 419; Q-236 259 to S-396 419; E-237 260 to S-396 419; D-238 261 to S-396 419; F-239 262 to S-396 419; M-240 263 to S-396 419; F-241 264 to S-396 419; S-242 265 to S-396 419; S-243 266 to S-396 419; D-244 267 to S-396 419; A-245 268 to S-396 419; G-246 269 to S-396 419; D-247 270 to S-396 419; D-248 271 to S-396 419; S-249 272 to S-396 419; T-250 273 to S-396 419; D-251 274 to S-396 419; G-252 275 to S-396 419; F-253 276 to S-396 419; H-254 277 to S-396 419; D-255 278 to S-396 419; I-256 279 to S-396 419; C-257 280 to S-396 419; G-258 281 to S-396 419; P-259 282 to S-396 419; N-260 283 to S-396 419; K-261 284 to S-396 419; E-262 285 to S-396 419; L-263 286 to S-396 419; D-264 287 to S-396 419; E-265 288 to S-396 419; E-266 289 to S-396 419; T-267 290 to S-396 419; C-268 291 to S-396 419; Q-269 292 to S-396 419; C-270 293 to S-396 419; V-271 294 to S-396 419; C-272 295 to S-396 419; R-273 296 to S-396 419; A-274 297 to S-396 419; G-275 298 to S-396 419; L-276 299 to S-396 419; R-277 300 to S-396 419; P-278 301 to S-396 419; A-279 302 to S-396 419; S-280 303 to S-396 419; C-281 304 to S-396 419; G-282 305 to S-396 419; P-283 306 to S-396 419; H-284 307 to S-396 419; K-285 308 to S-396 419; E-286 309 to S-396 419; L-287 310 to S-396 419; D-288 311 to S-396 419; R-289 312 to S-396 419; N-290 313 to S-396 419; S-291 314 to S-396 419; C-292 315 to S-396 419; Q-293 316 to S-396 419; C-294 317 to S-396 419; V-295 318 to S-396 419; C-296 319 to S-396 419; K-297 320 to S-396 419; N-298 321 to S-396 419; K-299 322 to S-396 419; L-300 323 to S-396 419; F-301 324 to S-396 419; P-302 325 to S-396 419; S-303 326 to S-396 419; Q-304 327 to S-396 419; C-305 328 to S-396 419; G-306 329 to S-396 419; A-307 330 to S-396 419; N-308 331 to S-396 419; R-309 332 to S-396 419; E-310 333 to S-396 419; F-311 334 to S-396 419; D-312 335 to S-396 419; E-313 336 to S-396 419; N-314 337 to S-

396 419; T-315 338 to S-396 419; C-316 339 to S-396 419; Q-317 340 to S-396 419; C-318 341 to S-396 419; V-319 342 to S-396 419; C-320 343 to S-396 419; K-321 344 to S-396 419; R-322 345 to S-396 419; T-323 346 to S-396 419; C-324 347 to S-396 419; P-325 348 to S-396 419; R-326 349 to S-396 419; N-327 350 to S-396 419; Q-328 351 to S-396 419; P-329 352 to S-396 419; L-330 353 to S-396 419; N-331 354 to S-396 419; P-332 355 to S-396 419; G-333 356 to S-396 419; K-334 357 to S-396 419; C-335 358 to S-396 419; A-336 359 to S-396 419; C-337 360 to S-396 419; E-338 361 to S-396 419; C-339 362 to S-396 419; T-340 363 to S-396 419; E-341 364 to S-396 419; S-342 365 to S-396 419; P-343 366 to S-396 419; Q-344 367 to S-396 419; K-345 368 to S-396 419; C-346 369 to S-396 419; L-347 370 to S-396 419; L-348 371 to S-396 419; K-349 372 to S-396 419; G-350 373 to S-396 419; K-351 374 to S-396 419; K-352 375 to S-396 419; F-353 376 to S-396 419; H-354 377 to S-396 419; H-355 378 to S-396 419; Q-356 379 to S-396 419; T-357 380 to S-396 419; C-358 381 to S-396 419; S-359 382 to S-396 419; C-360 383 to S-396 419; Y-361 384 to S-396 419; R-362 385 to S-396 419; R-363 386 to S-396 419; P-364 387 to S-396 419; C-365 388 to S-396 419; T-366 389 to S-396 419; N-367 390 to S-396 419; R-368 391 to S-396 419; Q-369 392 to S-396 419; K-370 393 to S-396 419; A-371 394 to S-396 419; C-372 395 to S-396 419; E-373 396 to S-396 419; P-374 397 to S-396 419; G-375 398 to S-396 419; F-376 399 to S-396 419; S-377 400 to S-396 419; Y-378 401 to S-396 419; S-379 402 to S-396 419; E-380 403 to S-396 419; E-381 404 to S-396 419; V-382 405 to S-396 419; C-383 406 to S-396 419; R-384 407 to S-396 419; C-385 408 to S-396 419; V-386 409 to S-396 419; P-387 410 to S-396 419; S-388 411 to S-396 419; Y-389 412 to S-396 419; W-390 413 to S-396 419; Q-391 414 to S-396 419 of SEQ ID NO:2. One preferred embodiment comprises amino acids S-205 223 to

S-396 419 of SEQ ID NO:2. Also preferred are polynucleotides encoding these polypeptides.”

Please replace the paragraph that begins on page 21, line 31, and runs through page 23, line 31, with the following rewritten paragraph:

“Moreover, C-terminal deletions of the VEGF-2 polypeptide can also be described by the general formula -23-n, where n is an integer from -15 to 395 where n corresponds to the position of amino acid residue identified in SEQ ID NO:2. Preferably, C-terminal deletions retain the conserved boxed area of Figure 3 (PXC~~V~~XXXRCXGCCN)(SEQ ID NO: 8), and include polypeptides comprising the amino acid sequence of residues: Likewise, C-terminal deletions of the polypeptide of the invention shown as SEQ ID NO:2 include polypeptides comprising the amino acid sequence of residues: E-~~1~~ 24 to M-~~395~~ 418; E-~~1~~ 24 to Q-~~394~~ 417; E-~~1~~ 24 to P-~~393~~ 416; E-~~1~~ 24 to R-~~392~~ 415; E-~~1~~ 24 to Q-~~391~~ 414; E-~~1~~ 24 to W-~~390~~ 413; E-~~1~~ 24 to Y-~~389~~ 412; E-~~1~~ 24 to S-~~388~~ 411; E-~~1~~ 24 to P-~~387~~ 410; E-~~1~~ 24 to V-~~386~~ 409; E-~~1~~ 24 to C-~~385~~ 408; E-~~1~~ 24 to R-~~384~~ 407; E-~~1~~ 24 to C-~~383~~ 406; E-~~1~~ 24 to V-~~382~~ 405; E-~~1~~ 24 to E-~~381~~ 404; E-~~1~~ 24 to E-~~380~~ 403; E-~~1~~ 24 to S-~~379~~ 402; E-~~1~~ 24 to Y-~~378~~ 401; E-~~1~~ 24 to S-~~377~~ 400; E-~~1~~ 24 to F-~~376~~ 399; E-~~1~~ 24 to G-~~375~~ 398; E-~~1~~ 24 to P-~~374~~ 397; E-~~1~~ 24 to E-~~373~~ 396; E-~~1~~ 24 to C-~~372~~ 395; E-~~1~~ 24 to A-~~371~~ 394; E-~~1~~ 24 to K-~~370~~ 393; E-~~1~~ 24 to Q-~~369~~ 392; E-~~1~~ 24 to R-~~368~~ 391; E-~~1~~ 24 to N-~~367~~ 390; E-~~1~~ 24 to T-~~366~~ 389; E-~~1~~ 24 to C-~~365~~ 388; E-~~1~~ 24 to P-~~364~~ 387; E-~~1~~ 24 to R-~~363~~ 386; E-~~1~~ 24 to R-~~362~~ 385; E-~~1~~ 24 to Y-~~361~~ 384; E-~~1~~ 24 to C-~~360~~ 383; E-~~1~~ 24 to S-~~359~~ 382; E-~~1~~ 24 to C-~~358~~ 381; E-~~1~~ 24 to T-~~357~~ 380; E-~~1~~ 24 to Q-~~356~~ 379; E-~~1~~ 24 to H-~~355~~ 378; E-~~1~~ 24 to H-~~354~~ 377; E-~~1~~ 24 to F-~~353~~ 376; E-~~1~~ 24 to K-~~352~~ 375; E-~~1~~ 24 to K-~~351~~ 374; E-~~1~~ 24 to G-~~350~~ 373; E-~~1~~ 24 to K-~~349~~ 372; E-~~1~~ 24 to L-~~348~~ 371; E-~~1~~ 24 to L-~~347~~

370; E-1 24 to C-~~346~~ 369; E-1 24 to K-~~345~~ 368; E-1 24 to Q-~~344~~ 367; E-1 24 to P-~~343~~ 366; E-1 24 to S-~~342~~ 365; E-1 24 to E-~~341~~ 364; E-1 24 to T-~~340~~ 363; E-1 24 to C-~~339~~ 362; E-1 24 to E-~~338~~ 361; E-1 24 to C-~~337~~ 360; E-1 24 to A-~~336~~ 359; E-1 24 to C-~~335~~ 358; E-1 24 to K-~~334~~ 357; E-1 24 to G-~~333~~ 356; E-1 24 to P-~~332~~ 355; E-1 24 to N-~~331~~ 354; E-1 24 to L-~~330~~ 353; E-1 24 to P-~~329~~ 352; E-1 24 to Q-~~328~~ 351; E-1 24 to N-~~327~~ 350; E-1 24 to R-~~326~~ 349; E-1 24 to P-~~325~~ 348; E-1 24 to C-~~324~~ 347; E-1 24 to T-~~323~~ 346; E-1 24 to R-~~322~~ 345; E-1 24 to K-~~321~~ 344; E-1 24 to C-~~320~~ 343; E-1 24 to V-~~319~~ 342; E-1 24 to C-~~318~~ 341; E-1 24 to Q-~~317~~ 340; E-1 24 to C-~~316~~ 339; E-1 24 to T-~~315~~ 338; E-1 24 to N-~~314~~ 337; E-1 24 to E-~~313~~ 336; E-1 24 to D-~~312~~ 335; E-1 24 to F-~~311~~ 334; E-1 24 to E-~~310~~ 333; E-1 24 to R-~~309~~ 332; E-1 24 to N-~~308~~ 331; E-1 24 to A-~~307~~ 330; E-1 24 to G-~~306~~ 329; E-1 24 to C-~~305~~ 328; E-1 24 to Q-~~304~~ 327; E-1 24 to S-~~303~~ 326; E-1 24 to P-~~302~~ 325; E-1 24 to F-~~301~~ 324; E-1 24 to L-~~300~~ 323; E-1 24 to K-~~299~~ 322; E-1 24 to N-~~298~~ 321; E-1 24 to K-~~297~~ 320; E-1 24 to C-~~296~~ 319; E-1 24 to V-~~295~~ 318; E-1 24 to C-~~294~~ 317; E-1 24 to Q-~~293~~ 316; E-1 24 to C-~~292~~ 315; E-1 24 to S-~~291~~ 314; E-1 24 to N-~~290~~ 313; E-1 24 to R-~~289~~ 312; E-1 24 to D-~~288~~ 311; E-1 24 to L-~~287~~ 310; E-1 24 to E-~~286~~ 309; E-1 24 to K-~~285~~ 308; E-1 24 to H-~~284~~ 307; E-1 24 to P-~~283~~ 306; E-1 24 to G-~~282~~ 305; E-1 24 to C-~~281~~ 304; E-1 24 to S-~~280~~ 303; E-1 24 to A-~~279~~ 302; E-1 24 to P-~~278~~ 301; E-1 24 to R-~~277~~ 300; E-1 24 to L-~~276~~ 299; E-1 24 to G-~~275~~ 298; E-1 24 to A-~~274~~ 297; E-1 24 to R-~~273~~ 296; E-1 24 to C-~~272~~ 295; E-1 24 to V-~~271~~ 294; E-1 24 to C-~~270~~ 293; E-1 24 to Q-~~269~~ 292; E-1 24 to C-~~268~~ 291; E-1 24 to T-~~267~~ 290; E-1 24 to E-~~266~~ 289; E-1 24 to E-~~265~~ 288; E-1 24 to D-~~264~~ 287; E-1 24 to L-~~263~~ 286; E-1 24 to E-~~262~~ 285; E-1 24 to K-~~261~~ 284; E-1 24 to N-~~260~~ 283; E-1 24 to P-~~259~~ 282; E-1 24 to G-~~258~~ 281; E-1 24 to C-~~257~~ 280; E-1 24 to I-~~256~~ 279; E-1 24 to D-~~255~~ 278; E-1 24 to H-~~254~~ 277; E-1 24 to F-~~253~~ 276; E-1 24 to G-~~252~~ 275; E-1 24 to D-~~251~~

274; E-~~1~~ 24 to T-~~250~~ 273; E-~~1~~ 24 to S-~~249~~ 272; E-~~1~~ 24 to D-~~248~~ 271; E-~~1~~ 24 to D-~~247~~ 270; E-~~1~~ 24 to G-~~246~~ 269; E-~~1~~ 24 to A-~~245~~ 268; E-~~1~~ 24 to D-~~244~~ 267; E-~~1~~ 24 to S-~~243~~ 266; E-~~1~~ 24 to S-~~242~~ 265; E-~~1~~ 24 to F-~~241~~ 264; E-~~1~~ 24 to M-~~240~~ 263; E-~~1~~ 24 to F-~~239~~ 262; E-~~1~~ 24 to D-~~238~~ 261; E-~~1~~ 24 to E-~~237~~ 260; E-~~1~~ 24 to Q-~~236~~ 259; E-~~1~~ 24 to A-~~235~~ 258; E-~~1~~ 24 to L-~~234~~ 257; E-~~1~~ 24 to C-~~233~~ 256; E-~~1~~ 24 to R-~~232~~ 255; E-~~1~~ 24 to C-~~231~~ 254; E-~~1~~ 24 to I-~~230~~ 253; E-~~1~~ 24 to H-~~229~~ 252; E-~~1~~ 24 to N-~~228~~ 251; E-~~1~~ 24 to N-~~227~~ 250; E-~~1~~ 24 to W-~~226~~ 249; E-~~1~~ 24 to M-~~225~~ 248; E-~~1~~ 24 to Y-~~224~~ 247; E-~~1~~ 24 to N-~~223~~ 246; E-~~1~~ 24 to T-~~222~~ 245; E-~~1~~ 24 to P-~~221~~ 244; E-~~1~~ 24 to C-~~220~~ 243; E-~~1~~ 24 to T-~~219~~ 242; E-~~1~~ 24 to K-~~218~~ 241; E-~~1~~ 24 to N-~~217~~ 240; E-~~1~~ 24 to A-~~216~~ 239; E-~~1~~ 24 to A-~~215~~ 238; E-~~1~~ 24 to Q-~~214~~ 237; E-~~1~~ 24 to C-~~213~~ 236; E-~~1~~ 24 to Q-~~212~~ 235; E-~~1~~ 24 to P-~~211~~ 234; E-~~1~~ 24 to L-~~210~~ 233; E-~~1~~ 24 to T-~~209~~ 232; E-~~1~~ 24 to A-~~208~~ 231; E-~~1~~ 24 to P-~~207~~ 230; E-~~1~~ 24 to L-~~206~~ 229; E-~~1~~ 24 to S-~~205~~ 228; E-~~1~~ 24 to R-~~204~~ 227; E-~~1~~ 24 to R-~~203~~ 226; E-~~1~~ 24 to I-~~202~~ 225; E-~~1~~ 24 to I-~~201~~ 224; E-~~1~~ 24 to S-~~200~~ 223; E-~~1~~ 24 to H-~~199~~ 222; E-~~1~~ 24 to V-~~198~~ 221; E-~~1~~ 24 to Q-~~197~~ 220; E-~~1~~ 24 to R-~~196~~ 219; E-~~1~~ 24 to Y-~~195~~ 218; E-~~1~~ 24 to V-~~194~~ 217; E-~~1~~ 24 to D-~~193~~ 216; E-~~1~~ 24 to L-~~192~~ 215; E-~~1~~ 24 to K-~~191~~ 214; E-~~1~~ 24 to S-~~190~~ 213; E-~~1~~ 24 to M-~~189~~ 212; E-~~1~~ 24 to C-~~188~~ 211; E-~~1~~ 24 to R-~~187~~ 210; E-~~1~~ 24 to C-~~186~~ 209; E-~~1~~ 24 to S-~~185~~ 208; E-~~1~~ 24 to T-~~184~~ 207; E-~~1~~ 24 to H-~~183~~ 206; E-~~1~~ 24 to N-~~182~~ 205; E-~~1~~ 24 to A-~~181~~ 204; E-~~1~~ 24 to F-~~180~~ 203; E-~~1~~ 24 to S-~~179~~ 202; E-~~1~~ 24 to I-~~178~~ 201; E-~~1~~ 24 to T-~~177~~ 200; E-~~1~~ 24 to V-~~176~~ 199; E-~~1~~ 24 to P-~~175~~ 198; E-~~1~~ 24 to K-~~174~~ 197; E-~~1~~ 24 to P-~~173~~ 196; E-~~1~~ 24 to G-~~172~~ 195; E-~~1~~ 24 to Q-~~171~~ 194; E-~~1~~ 24 to S-~~170~~ 193; E-~~1~~ 24 to L-~~169~~ 192; E-~~1~~ 24 to P-~~168~~ 191; E-~~1~~ 24 to V-~~167~~ 190; E-~~1~~ 24 to T-~~166~~ 189; E-~~1~~ 24 to I-~~165~~ 188; E-~~1~~ 24 to E-~~164~~ 187; E-~~1~~ 24 to F-~~163~~ 186; E-~~1~~ 24 to L-~~162~~ 185; E-~~1~~ 24 to T-~~161~~ 184; E-~~1~~ 24 to K-~~160~~ 183; E-~~1~~ 24 to S-~~159~~ 182; E-~~1~~ 24 to L-~~158~~ 181; E-~~1~~ 24 to Y-~~157~~ 180; E-~~1~~ 24 to S-~~156~~ 179; E-~~1~~ 24 to T-~~155~~ 178; E-~~1~~ 24 to S-~~154~~ 177; E-~~1~~ 24

to T-153 176; E-1 24 to N-152 175; E-1 24 to M-151 174; E-1 24 to C-150 173; E-1 24 to Q-149 172; E-1 24 to L-148 171; E-1 24 to G-147 170; E-1 24 to E-146 169; E-1 24 to S-145 168; E-1 24 to N-144 167; E-1 24 to C-143 166; E-1 24 to C-142 165; E-1 24 to G-141 164; E-1 24 to G-140 163; E-1 24 to C-139 162; E-1 24 to R-138 161; E-1 24 to Y-137 160; E-1 24 to V-136 159; E-1 24 to S-135 158; E-1 24 to V-134 157; E-1 24 to C-133 156; E-1 24 to P-132 155; E-1 24 to P-131 154; E-1 24 to K-130 153; E-1 24 to F-129 152; E-1 24 to F-128 151; E-1 24 to T-127 150; E-1 24 to N-126 149; E-1 24 to T-125 148; E-1 24 to A-124 147; E-1 24 to V-123 146; E-1 24 to G-122 145; E-1 24 to F-121 144; E-1 24 to E-120 143; E-1 24 to K-119 142; E-1 24 to G-118 141; E-1 24 to V-117 140; E-1 24 to D-116 139; E-1 24 to I-115 138; E-1 24 to C-114 137; E-1 24 to V-113 136; E-1 24 to E-112 135; E-1 24 to R-111 134; E-1 24 to P-110 133; E-1 24 to M-109 132; E-1 24 to C-108 131; E-1 24 to Q-107 130; E-1 24 to T-106 129; E-1 24 to K-105 128; E-1 24 to R-104 127; E-1 24 to W-103 126; E-1 24 to E-102 125; E-1 24 to N-101 124; E-1 24 to D-100 123; E-1 24 to I-99 122; E-1 24 to S-98 121; E-1 24 to K-97 120; E-1 24 to L-96 119; E-1 24 to I-95 118; E-1 24 to E-94 117; E-1 24 to T-93 116; E-1 24 to N-92 115; E-1 24 to Y-91 114; E-1 24 to H-90 113; E-1 24 to A-89 112; E-1 24 to A-88 111; E-1 24 to A-87 110; E-1 24 to F-86 109; E-1 24 to K-85 108; E-1 24 to I-84 107; E-1 24 to T-83 106; E-1 24 to E-82 105; E-1 24 to E-81 104; E-1 24 to T-80 103; E-1 24 to R-79 102; E-1 24 to S-78 101; E-1 24 to N-77 100; E-1 24 to L-76 99; E-1 24 to N-75 98; E-1 24 to A-74 97; E-1 24 to Q-73 96; E-1 24 to E-72 95; E-1 24 to R-71 94; E-1 24 to N-70 93; E-1 24 to H-69 92; E-1 24 to Q-68 91; E-1 24 to W-67 90; E-1 24 to G-66 89; E-1 24 to G-65 88; E-1 24 to K-64 87; E-1 24 to R-63 86; E-1 24 to L-62 85; E-1 24 to Q-61 84; E-1 24 to C-60 83; E-1 24 to K-59 82; E-1 24 to Y-58 81; E-1 24 to M-57 80; E-1 24 to K-56 79; E-1 24 to W-55 78; E-1 24 to Y-54 77; E-1 24 to E-53 76; E-1 24 to P-52 75; E-1

24 to Y-~~51~~ 74; E-1 24 to L-~~50~~ 73; E-1 24 to V-~~49~~ 72; E-1 24 to T-~~48~~ 71; E-1 24 to M-~~47~~ 70; E-1 24 to L-~~46~~ 69; E-1 24 to E-~~45~~ 68; E-1 24 to D-~~44~~ 67; E-1 24 to V-~~43~~ 66; E-1 24 to S-~~42~~ 65; E-1 24 to S-~~41~~ 64; E-1 24 to V-~~40~~ 63; E-1 24 to S-~~39~~ 62; E-1 24 to R-~~38~~ 61; E-1 24 to L-~~37~~ 60; E-1 24 to Q-~~36~~ 59; E-1 24 to E-~~35~~ 58; E-1 24 to E-~~34~~ 57; E-1 24 to L-~~33~~ 56; E-1 24 to D-~~32~~ 55; E-1 24 to K-~~31~~ 54; E-1 24 to S-~~30~~ 53; E-1 24 to A-~~29~~ 52; E-1 24 to Y-~~28~~ 51; E-1 24 to A-~~27~~ 50; E-1 24 to T-~~26~~ 49; E-1 24 to A-~~25~~ 48; E-1 24 to E-~~24~~ 47; E-1 24 to G-~~23~~ 46; E-1 24 to A-~~22~~ 45; E-1 24 to D-~~21~~ 44; E-1 24 to P-~~20~~ 43; E-1 24 to E-~~19~~ 42; E-1 24 to A-~~18~~ 41; E-1 24 to D-~~17~~ 40; E-1 24 to S-~~16~~ 39; E-1 24 to L-~~15~~ 38; E-1 24 to D-~~14~~ 37; E-1 24 to L-~~13~~ 36; E-1 24 to G-~~12~~ 35; E-1 24 to S-~~11~~ 34; E-1 24 to E-~~10~~ 33; E-1 24 to F-~~9~~ 32; E-1 24 to A-~~8~~ 31; E-1 24 to A-~~7~~ 30 of SEQ ID NO:2. Also preferred are polynucleotides encoding these polypeptides.”

Please replace the paragraph that begins on page 24, line 1, and runs through page 25, line 36, with the following rewritten paragraph:

“Likewise, also preferred are C-terminal deletions of the VEGF-2 polypeptide of the invention shown as SEQ ID NO:2 which include polypeptides comprising the amino acid sequence of residues: F-9 32 to M-~~395~~ 418; F-9 32 to Q-~~394~~ 417; F-9 32 to P-~~393~~ 416; F-9 32 to R-~~392~~ 415; F-9 32 to Q-~~391~~ 414; F-9 32 to W-~~390~~ 413; F-9 32 to Y-~~389~~ 412; F-9 32 to S-~~388~~ 411; F-9 32 to P-~~387~~ 410; F-9 32 to V-~~386~~ 409; F-9 32 to C-~~385~~ 408; F-9 32 to R-~~384~~ 407; F-9 32 to C-~~383~~ 406; F-9 32 to V-~~382~~ 405; F-9 32 to E-~~381~~ 404; F-9 32 to E-~~380~~ 403; F-9 32 to S-~~379~~ 402; F-9 32 to Y-~~378~~ 401; F-9 32 to S-~~377~~ 400; F-9 32 to F-~~376~~ 399; F-9 32 to G-~~375~~ 398; F-9 32 to P-~~374~~ 397; F-9 32 to E-~~373~~ 396; F-9 32 to C-~~372~~ 395; F-9 32 to A-~~371~~ 394; F-9 32 K-~~370~~ 393; F-9 32 to Q-~~369~~ 392; F-9 32 to R-~~368~~ 391; F-9 32 to N-~~367~~ 390; F-9 32 to T-~~366~~ 389; F-9 32 to C-~~365~~ 388; F-9 32 to P-~~364~~

387; F-9 32 to R-~~363~~ 386; F-9 32 to R-~~362~~ 385; F-9 32 to Y-~~361~~ 384; F-9 32 to C-~~360~~ 383; F-9 32 to S-~~359~~ 382; F-9 32 to C-~~358~~ 381; F-9 32 to T-~~357~~ 380; F-9 32 to Q-~~356~~ 379; F-9 32 to H-~~355~~ 378; F-9 32 to H-~~354~~ 377; F-9 32 to F-~~353~~ 376; F-9 32 to K-~~352~~ 375; F-9 32 to K-~~351~~ 374; F-9 32 to G-~~350~~ 373; F-9 32 to K-~~349~~ 372; F-9 32 to L-~~348~~ 371; F-9 32 to L-~~347~~ 370; F-9 32 to C-~~346~~ 369; F-9 32 to K-~~345~~ 368; F-9 32 to Q-~~344~~ 367; F-9 32 to P-~~343~~ 366; F-9 32 to S-~~342~~ 365; F-9 32 to E-~~341~~ 364; F-9 32 to T-~~340~~ 363; F-9 32 to C-~~339~~ 362; F-9 32 to E-~~338~~ 361; F-9 32 to C-~~337~~ 360; F-9 32 to A-~~336~~ 359; F-9 32 to C-~~335~~ 358; F-9 32 to K-~~334~~ 357; F-9 32 to G-~~333~~ 356; F-9 32 to P-~~332~~ 355; F-9 32 to N-~~331~~ 354; F-9 32 to L-~~330~~ 353; F-9 32 to P-~~329~~ 352; F-9 32 to Q-~~328~~ 351; F-9 32 to N-~~327~~ 350; F-9 32 to R-~~326~~ 349; F-9 32 to P-~~325~~ 348; F-9 32 to C-~~324~~ 347; F-9 32 to T-~~323~~ 346; F-9 32 to R-~~322~~ 345; F-9 32 to K-~~321~~ 344; F-9 32 to C-~~320~~ 343; F-9 32 to V-~~319~~ 342; F-9 32 to C-~~318~~ 341; F-9 32 to Q-~~317~~ 340; F-9 32 to C-~~316~~ 339; F-9 32 to T-~~315~~ 338; F-9 32 to N-~~314~~ 337; F-9 32 to E-~~313~~ 336; F-9 32 to D-~~312~~ 335; F-9 32 to F-~~311~~ 334; F-9 32 to E-~~310~~ 333; F-9 32 to R-~~309~~ 332; F-9 32 to N-~~308~~ 331; F-9 32 to A-~~307~~ 330; F-9 32 to G-~~306~~ 329; F-9 32 to C-~~305~~ 328; F-9 32 to Q-~~304~~ 327; F-9 32 to S-~~303~~ 326; F-9 32 to P-~~302~~ 325; F-9 32 to F-~~301~~ 324; F-9 32 to L-~~300~~ 323; F-9 32 to K-~~299~~ 322; F-9 32 to N-~~298~~ 321; F-9 32 to K-~~297~~ 320; F-9 32 to C-~~296~~ 319; F-9 32 to V-~~295~~ 318; F-9 32 to C-~~294~~ 317; F-9 32 to Q-~~293~~ 316; F-9 32 to C-~~292~~ 315; F-9 32 to S-~~291~~ 314; F-9 32 to N-~~290~~ 313; F-9 32 to R-~~289~~ 312; F-9 32 to D-~~288~~ 311; F-9 32 to L-~~287~~ 310; F-9 32 to E-~~286~~ 309; F-9 32 to K-~~285~~ 308; F-9 32 to H-~~284~~ 307; F-9 32 to P-~~283~~ 306; F-9 32 to G-~~282~~ 305; F-9 32 to C-~~281~~ 304; F-9 32 to S-~~280~~ 303; F-9 32 to A-~~279~~ 302; F-9 32 to P-~~278~~ 301; F-9 32 to R-~~277~~ 300; F-9 32 to L-~~276~~ 299; F-9 32 to G-~~275~~ 298; F-9 32 to A-~~274~~ 297; F-9 32 to R-~~273~~ 296; F-9 32 to C-~~272~~ 295; F-9 32 to V-~~271~~ 294; F-9 32 to C-~~270~~ 293; F-9 32 to Q-~~269~~ 292; F-9 32 to C-~~268~~ 291; F-9 32 to T-~~267~~ 290; F-9 32 to E-~~266~~

289; F-9 32 to E-~~265~~ 288; F-9 32 to D-~~264~~ 287; F-9 32 to L-~~263~~ 286; F-9 32 to E-~~262~~ 285; F-9 32 to K-~~261~~ 284; F-9 32 to N-~~260~~ 283; F-9 32 to P-~~259~~ 282; F-9 32 to G-~~258~~ 281; F-9 32 to C-~~257~~ 280; F-9 32 to I-~~256~~ 279; F-9 32 to D-~~255~~ 278; F-9 32 to H-~~254~~ 277; F-9 32 to F-~~253~~ 276; F-9 32 to G-~~252~~ 275; F-9 32 to D-~~251~~ 274; F-9 32 to T-~~250~~ 273; F-9 32 to S-~~249~~ 272; F-9 32 to D-~~248~~ 271; F-9 32 to D-~~247~~ 270; F-9 32 to G-~~246~~ 269; F-9 32 to A-~~245~~ 268; F-9 32 to D-~~244~~ 267; F-9 32 to S-~~243~~ 266; F-9 32 to S-~~242~~ 265; F-9 32 to F-~~241~~ 264; F-9 32 to M-~~240~~ 263; F-9 32 to F-~~239~~ 262; F-9 32 to D-~~238~~ 261; F-9 32 to E-~~237~~ 260; F-9 32 to Q-~~236~~ 259; F-9 32 to A-~~235~~ 258; F-9 32 to L-~~234~~ 257; F-9 32 to C-~~233~~ 256; F-9 32 to R-~~232~~ 255; F-9 32 to C-~~231~~ 254; F-9 32 to I-~~230~~ 253; F-9 32 to H-~~229~~ 252; F-9 32 to N-~~228~~ 251; F-9 32 to N-~~227~~ 250; F-9 32 to W-~~226~~ 249; F-9 32 to M-~~225~~ 248; F-9 32 to Y-~~224~~ 247; F-9 32 to N-~~223~~ 246; F-9 32 to T-~~222~~ 245; F-9 32 to P-~~221~~ 244; F-9 32 to C-~~220~~ 243; F-9 32 to T-~~219~~ 242; F-9 32 to K-~~218~~ 241; F-9 32 to N-~~217~~ 240; F-9 32 to A-~~216~~ 239; F-9 32 to A-~~215~~ 238; F-9 32 to Q-~~214~~ 237; F-9 32 to C-~~213~~ 236; F-9 32 to Q-~~212~~ 235; F-9 32 to P-~~211~~ 234; F-9 32 to L-~~210~~ 233; F-9 32 to T-~~209~~ 232; F-9 32 to A-~~208~~ 231; F-9 32 to P-~~207~~ 230; F-9 32 to L-~~206~~ 229; F-9 32 to S-~~205~~ 228; F-9 32 to R-~~204~~ 227; F-9 32 to R-~~203~~ 226; F-9 32 to I-~~202~~ 225; F-9 32 to I-~~201~~ 224; F-9 32 to S-~~200~~ 223; F-9 32 to H-~~199~~ 222; F-9 32 to V-~~198~~ 221; F-9 32 to Q-~~197~~ 220; F-9 32 to R-~~196~~ 219; F-9 32 to Y-~~195~~ 218; F-9 32 to V-~~194~~ 217; F-9 32 to D-~~193~~ 216; F-9 32 to L-~~192~~ 215; F-9 32 to K-~~191~~ 214; F-9 32 to S-~~190~~ 213; F-9 32 to M-~~189~~ 212; F-9 32 to C-~~188~~ 211; F-9 32 to R-~~187~~ 210; F-9 32 to C-~~186~~ 209; F-9 32 to S-~~185~~ 208; F-9 32 to T-~~184~~ 207; F-9 32 to H-~~183~~ 206; F-9 32 to N-~~182~~ 205; F-9 32 to A-~~181~~ 204; F-9 32 to F-~~180~~ 203; F-9 32 to S-~~179~~ 202; F-9 32 to I-~~178~~ 201; F-9 32 to T-~~177~~ 200; F-9 32 to V-~~176~~ 199; F-9 32 to P-~~175~~ 198; F-9 32 to K-~~174~~ 197; F-9 32 to P-~~173~~ 196; F-9 32 to G-~~172~~ 195; F-9 32 to Q-~~171~~ 194; F-9 32 to S-~~170~~ 193; F-9 32 to L-~~169~~ 192; F-9 32 to P-~~168~~ 191; F-9 32 to V-~~167~~ 190; F-9 32

to T-166 189; F-9 32 to I-165 188; F-9 32 to E-164 187; F-9 32 to F-163 186; F-9 32 to L-162 185; F-9 32 to T-161 184; F-9 32 to K-160 183; F-9 32 to S-159 182; F-9 32 to L-158 181; F-9 32 to Y-157 180; F-9 32 to S-156 179; F-9 32 to T-155 178; F-9 32 to S-154 177; F-9 32 to T-153 176; F-9 32 to N-152 175; F-9 32 to M-151 174; F-9 32 to C-150 173; F-9 32 to Q-149 172; F-9 32 to L-148 171; F-9 32 to G-147 170; F-9 32 to E-146 169; F-9 32 to S-145 168; F-9 32 to N-144 167; F-9 32 to C-143 166; F-9 32 to C-142 165; F-9 32 to G-141 164; F-9 32 to G-140 163; F-9 32 to C-139 162; F-9 32 to R-138 161; F-9 32 to Y-137 160; F-9 32 to V-136 159; F-9 32 to S-135 158; F-9 32 to V-134 157; F-9 32 to C-133 156; F-9 32 to P-132 155; F-9 32 to P-131 154; F-9 32 to K-130 153; F-9 32 to F-129 152; F-9 32 to F-128 151; F-9 32 to T-127 150; F-9 32 to N-126 149; F-9 32 to T-125 148; F-9 32 to A-124 147; F-9 32 to V-123 146; F-9 32 to G-122 145; F-9 32 to F-121 144; F-9 32 to E-120 143; F-9 32 to K-119 142; F-9 32 to G-118 141; F-9 32 to V-117 140; F-9 32 to D-116 139; F-9 32 to I-115 138; F-9 32 to C-114 137; F-9 32 to V-113 136; F-9 32 to E-112 135; F-9 32 to R-111 134; F-9 32 to P-110 133; F-9 32 to M-109 132; F-9 32 to C-108 131; F-9 32 to Q-107 130; F-9 32 to T-106 129; F-9 32 to K-105 128; F-9 32 to R-104 127; F-9 32 to W-103 126; F-9 32 to E-102 125; F-9 32 to N-101 124; F-9 32 to D-100 123; F-9 32 to I-99 122; F-9 32 to S-98 121; F-9 32 to K-97 120; F-9 32 to L-96 119; F-9 32 to I-95 118; F-9 32 to E-94 117; F-9 32 to T-93 116; F-9 32 to N-92 115; F-9 32 to Y-91 114; F-9 32 to H-90 113; F-9 32 to A-89 112; F-9 32 to A-88 111; F-9 32 to A-87 110; F-9 32 to F-86 109; F-9 32 to K-85 108; F-9 32 to I-84 107; F-9 32 to T-83 106; F-9 32 to E-82 105; F-9 32 to E-81 104; F-9 32 to T-80 103; F-9 32 to R-79 102; F-9 32 to S-78 101; F-9 32 to N-77 100; F-9 32 to L-76 99; F-9 32 to N-75 98; F-9 32 to A-74 97; F-9 32 to Q-73 96; F-9 32 to E-72 95; F-9 32 to R-71 94; F-9 32 to N-70 93; F-9 32 to H-69 92; F-9 32 to Q-68 91; F-9 32 to W-67 90; F-9 32 to G-66 89; F-9 32 to G-65 88; F-9 32 to K-

64 87; F-9 32 to R-63 86; F-9 32 to L-62 85; F-9 32 to Q-61 84; F-9 32 to C-60 83; F-9 32 to K-59 82; F-9 32 to Y-58 81; F-9 32 to M-57 80; F-9 32 to K-56 79; F-9 32 to W-55 78; F-9 32 to Y-54 77; F-9 32 to E-53 76; F-9 32 to P-52 75; F-9 32 to Y-51 74; F-9 32 to L-50 73; F-9 32 to V-49 72; F-9 32 to T-48 71; F-9 32 to M-47 70; F-9 32 to L-46 69; F-9 32 to E-45 68; F-9 32 to D-44 67; F-9 32 to V-43 66; F-9 32 to S-42 65; F-9 32 to S-41 64; F-9 32 to V-40 63; F-9 32 to S-39 62; F-9 32 to R-38 61; F-9 32 to L-37 60; F-9 32 to Q-36 59; F-9 32 to E-35 58; F-9 32 to E-34 57; F-9 32 to L-33 56; F-9 32 to D-32 55; F-9 32 to K-31 54; F-9 32 to S-30 53; F-9 32 to A-29 52; F-9 32 to Y-28 51; F-9 32 to A-27 50; F-9 32 to T-26 49; F-9 32 to A-25 48; F-9 32 to E-24 47; F-9 32 to G-23 46; F-9 32 to A-22 45; F-9 32 to D-21 44; F-9 32 to P-20 43; F-9 32 to E-19 42; F-9 32 to A-18 41; F-9 32 to D-17 40; F-9 32 to S-16 39; F-9 32 to L-15 38; of SEQ ID NO:2. Specifically preferred is the polypeptide fragment comprising amino acid residues F-9 32 to R-203 226 of SEQ ID NO:2, as well as polynucleotides encoding this polypeptide. This F-9 32 to R-203 226 of SEQ ID NO:2 polypeptide preferably is associated with a S-205 228 to S-396 419 of SEQ ID NO:2 polypeptide. Association may be through disulfide, covalent or noncovalent interactions, by linkage via a linker (e.g. serine, glycine, proline linkages), or by an antibody.”

Please replace the paragraph on page 26, lines 12-19, with the following rewritten paragraph:

“Thus, in one aspect, N-terminal deletion mutants are provided by the present invention. Such mutants include those comprising the amino acid sequence shown in Figure 1 (SEQ ID NO:18 2) except for a deletion of at least the first 24 N-terminal amino acid residues (i.e., a deletion of at least Met (1) -- Glu (24)) but not more than the first 115

N-terminal amino acid residues of Figure 1 (SEQ ID NO:18 2). Alternatively, first 24 N-terminal amino acid residues (i.e., a deletion of at least Met (1) -- Glu (24)) but not more than the first 103 N-terminal amino acid residues of Figure 1 (SEQ ID NO:18 2), etc.”

Please replace the paragraph that begins on page 26, line 20, and runs through page 27, line 2, with the following rewritten paragraph:

“In another aspect, C-terminal deletion mutants are provided by the present invention. Such mutants include those comprising the amino acid sequence shown in Figure 1 (SEQ ID NO:18 2) except for a deletion of at least the last C-terminal amino acid residue (Ser (419)) but not more than the last 220 C-terminal amino acid residues (i.e., a deletion of amino acid residues Val (199) - Ser (419)) of Figure 1 (SEQ ID NO:18 2). Alternatively, the deletion will include at least the last C-terminal amino acid residue but not more than the last 216 C-terminal amino acid residues of Figure 1 (SEQ ID NO:18 2). Alternatively, the deletion will include at least the last C-terminal amino acid residue but not more than the last 204 C-terminal amino acid residues of Figure 1 (SEQ ID NO:18 2). Alternatively, the deletion will include at least the last C-terminal amino acid residues but not more than the last 192 C-terminal amino acid residues of Figure 1 (SEQ ID NO:18 2). Alternatively, the deletion will include at least the last C-terminal amino acid residues but not more than the last 156 C-terminal amino acid residues of Figure 1 (SEQ ID NO:18 2). Alternatively, the deletion will include at least the last C-terminal amino acid residues but not more than the last 108 C-terminal amino acid residues of Figure 1 (SEQ ID NO:18 2). Alternatively, the deletion will include at least the last C-terminal amino acid residues but not more than the last 52 C-terminal amino acid residues of Figure 1 (SEQ ID NO:18 2).”

Please replace the paragraph on page 110, lines 9-13, with the following rewritten paragraph:

“The Polymerase Chain Reaction was performed using standard conditions well known to those skilled in the art and the nucleotide sequence for the mature VEGF-2 (aa 24-419 in SEQ ID NO:48 2) as, for example, constructed in Example 3 as template. The resulting amplicon was restriction digested with NdeI and Asp718 and subcloned into NdeI/Asp718 digested pHE4a expression vector.”

Please replace the paragraph on page 111, lines 1-5, with the following rewritten paragraph:

“The Polymerase Chain Reaction was performed using standard conditions well known to those skilled in the art and the nucleotide sequence for the mature VEGF-2 (aa 24-419 in SEQ ID NO:48 2) as, for example, constructed in Example 3, as template. The resulting amplicon was restriction digested with NdeI and Asp718 and subcloned into NdeI/Asp718 digested pHE4a protein expression vector.”

Please replace the paragraph on page 112, lines 16-20, with the following rewritten paragraph:

“The cDNA sequence encoding the VEGF-2 protein without 102 amino acids at the N-terminus and without 192 amino acids at the C-terminus in Figure 1 (i.e., amino acids 103-227 of SEQ ID NO:48 2) was amplified using PCR oligonucleotide primers corresponding to the 5' and 3' sequences of the gene.”

Please replace the paragraph on page 116, lines 4-7, with the following rewritten paragraph:

“In this illustrative example, the cloned DNA encoding the C-terminal deleted VEGF-2 M1-M263 protein (amino acids 1-263 in Figure 1 or SEQ ID NO:18 2) is inserted into the plasmid vector pC4 to express the C-terminal deleted VEGF-2 protein.”

Please replace the paragraph that begins on page 116, line 35, and runs through page 117, line 2, with the following rewritten paragraph:

“In this illustrative example, the cloned DNA encoding the C-terminal deleted VEGF-2 M1-D311 protein (amino acids 1-311 in Figure 1 or SEQ ID NO:18 2) is inserted into the plasmid vector pC4 to express the C-terminal deleted VEGF-2 protein.”

Please replace the paragraph on page 117, lines 29-31, with the following rewritten paragraph:

“In this illustrative example, the cloned DNA encoding the C-terminal deleted VEGF-2 M1-D311 protein (amino acids 1-311 in SEQ ID NO:18 2) is inserted into the plasmid vector pC4 to express the C-terminal deleted VEGF-2 protein.”

Please replace the paragraphs in Example 18, starting on page 126, line 13, through page 127, line 19, with the following rewritten paragraphs:

“Both VEGF-2 protein (Figures 25, ~~top panels~~ A, C, D, E, H, I, J, L, M, O) and naked expression plasmid (Figures 25, ~~middle panels~~ B, C, F, G, H, I, K, L, M, O) were able to restore the following parameters in the ischemic limb. Restoration of blood flow,

angiographic score seem to be slightly more by administration of 500 mg plasmid compared with by 500 mg protein (Figures 25, ~~bottom panels H, I, L~~). The extent of the restoration is comparable with that by VEGF in separate experiments (data not shown). A vessel dilator was not able to achieve the same effect, suggesting that the blood flow restoration is not simply due to a vascular dilation effect.

a. BP ratio (Figures 25a A-25C)

The blood pressure ratio of systolic pressure of the ischemic limb to that of normal limb.

~~2. b.~~ Blood Flow and Flow Reserve (Figures ~~25b~~ 25D-25I)

Resting FL: the blood flow during un-dilated condition

Max FL: the blood flow during fully dilated condition (also an indirect measure of the blood vessel amount)

Flow Reserve is reflected by the ratio of max FL: resting FL.

~~3. c.~~ Angiographic Score (Figures ~~25c~~ 25J-25L)

This is measured by the angiogram of collateral vessels. A score was determined by the percentage of circles in an overlaying grid that with crossing opacified arteries divided by the total number in the rabbit thigh.

~~4. d.~~ Capillary density (Figures ~~25d~~ 25M-25O)

The number of collateral capillaries determined in light microscopic sections taken from hindlimbs.”

Please replace the sentence on page 136, line 16, with the following rewritten sentence:

“1. "SP-40": MTVLYPEYWKMY (amino acids 70-81 in SEQ ID NO:~~48~~ 2)”